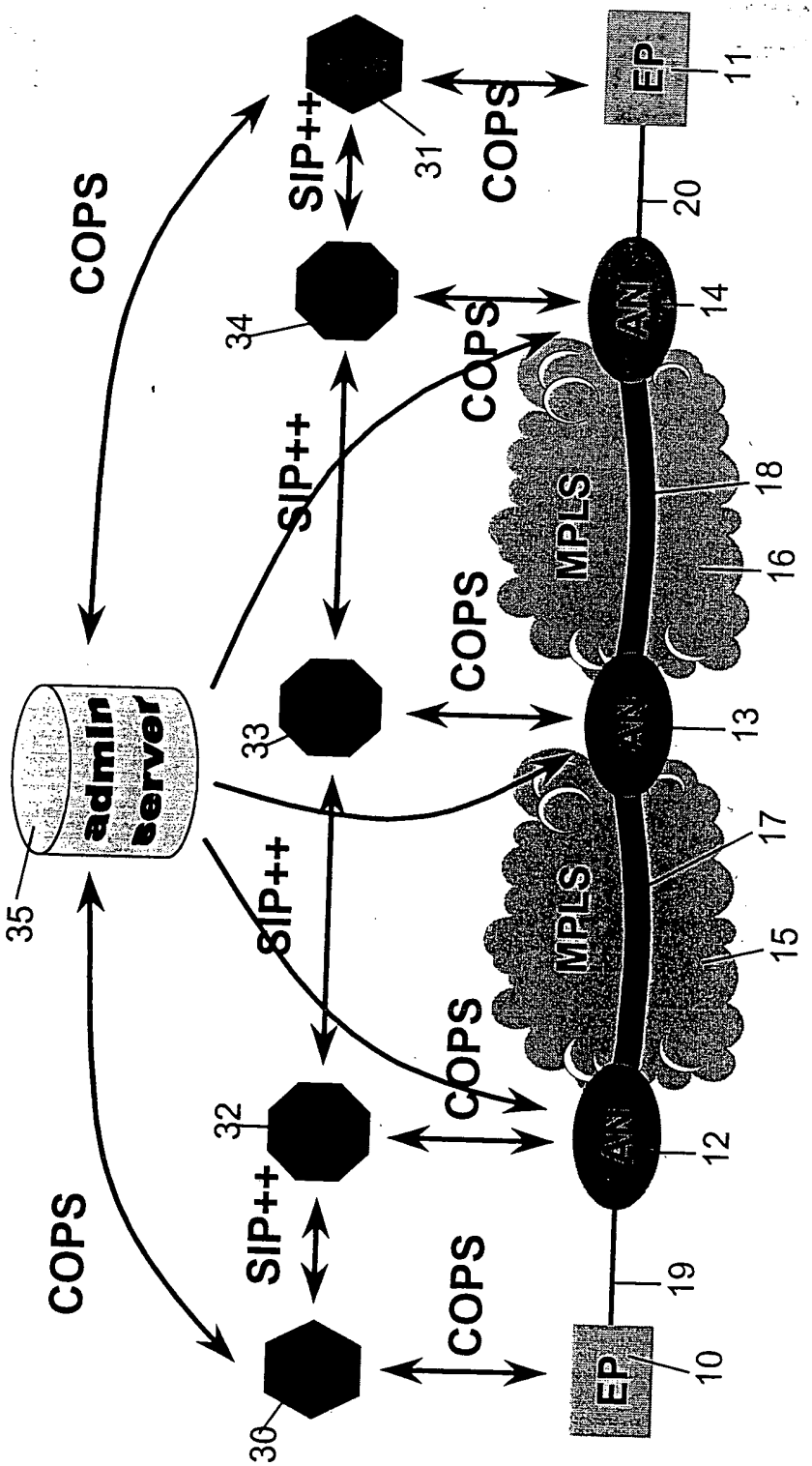


Figure 1 Configuration of network

Figure 2 - Dynamic LSP addition

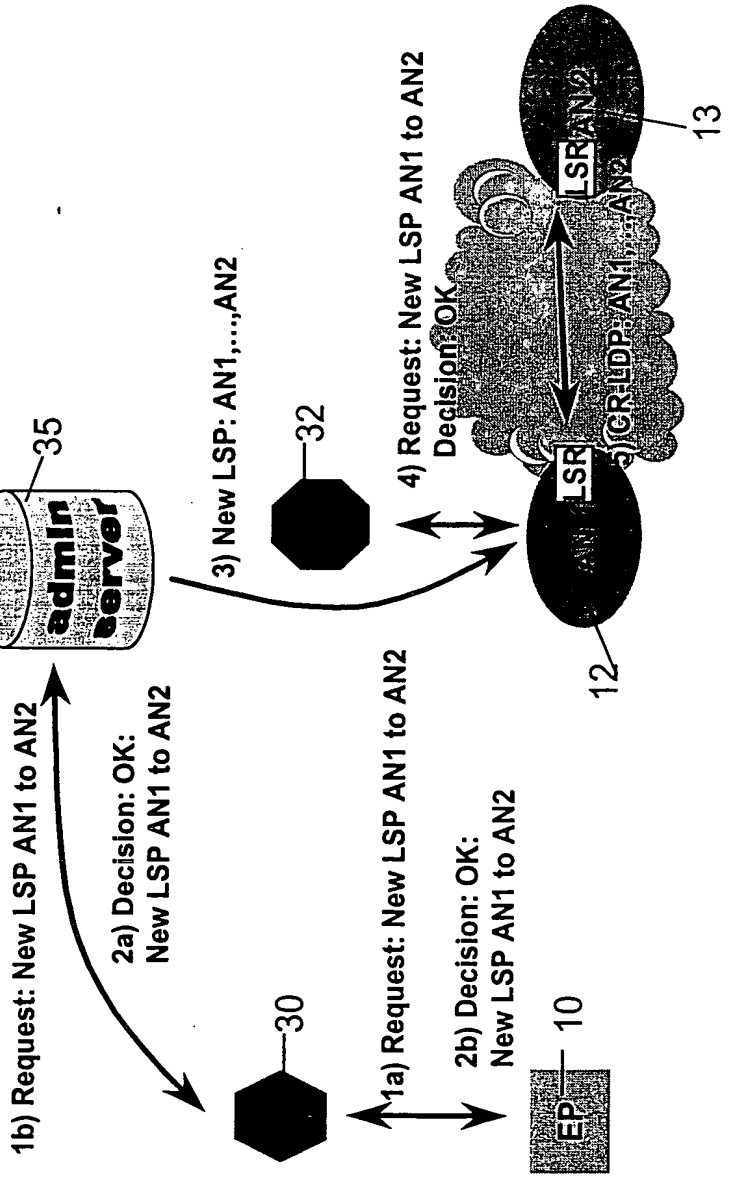


Figure 3 Basic SIP operation with a proxy

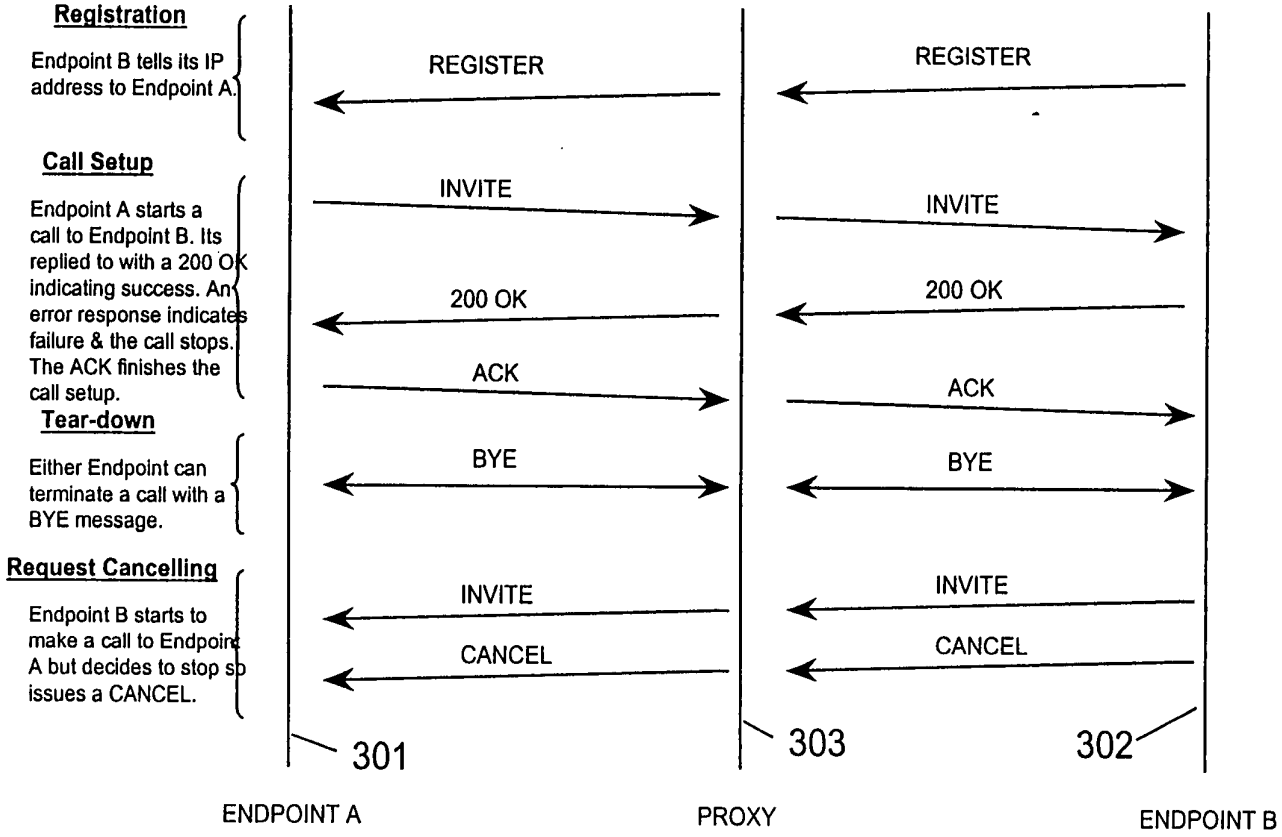


Figure 4 Record-Route header to track route

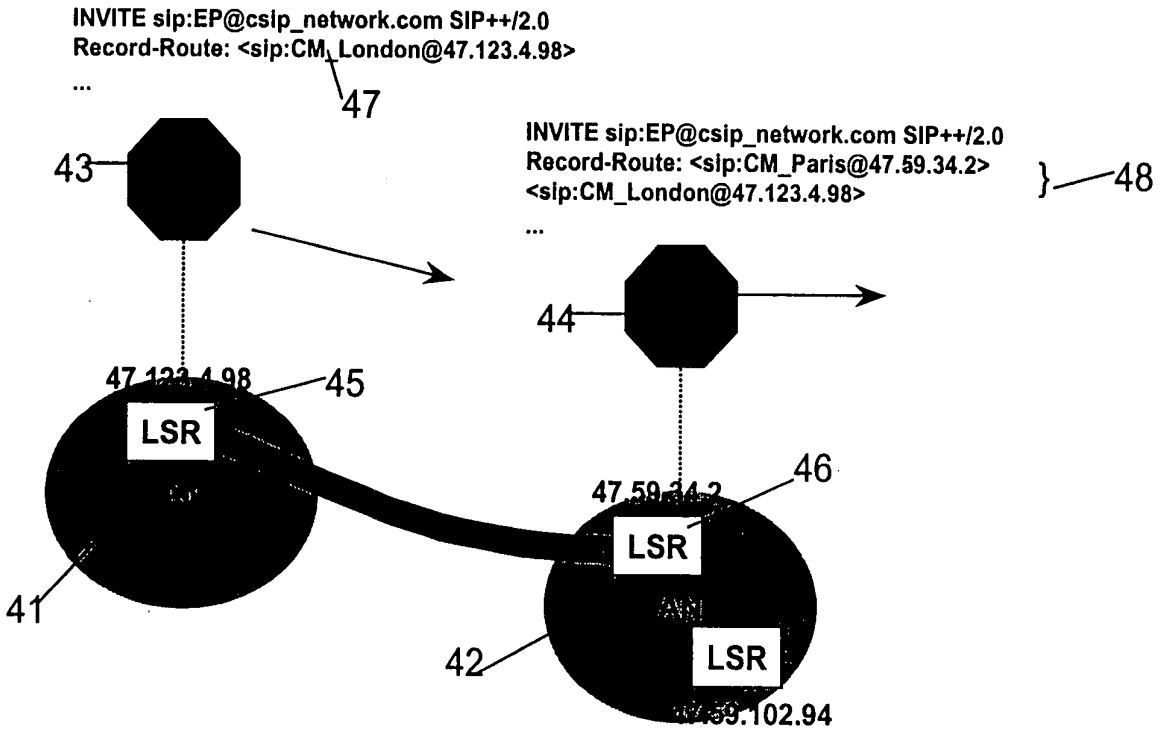


Figure 5 - Forking with non explicit Abstract Nodes

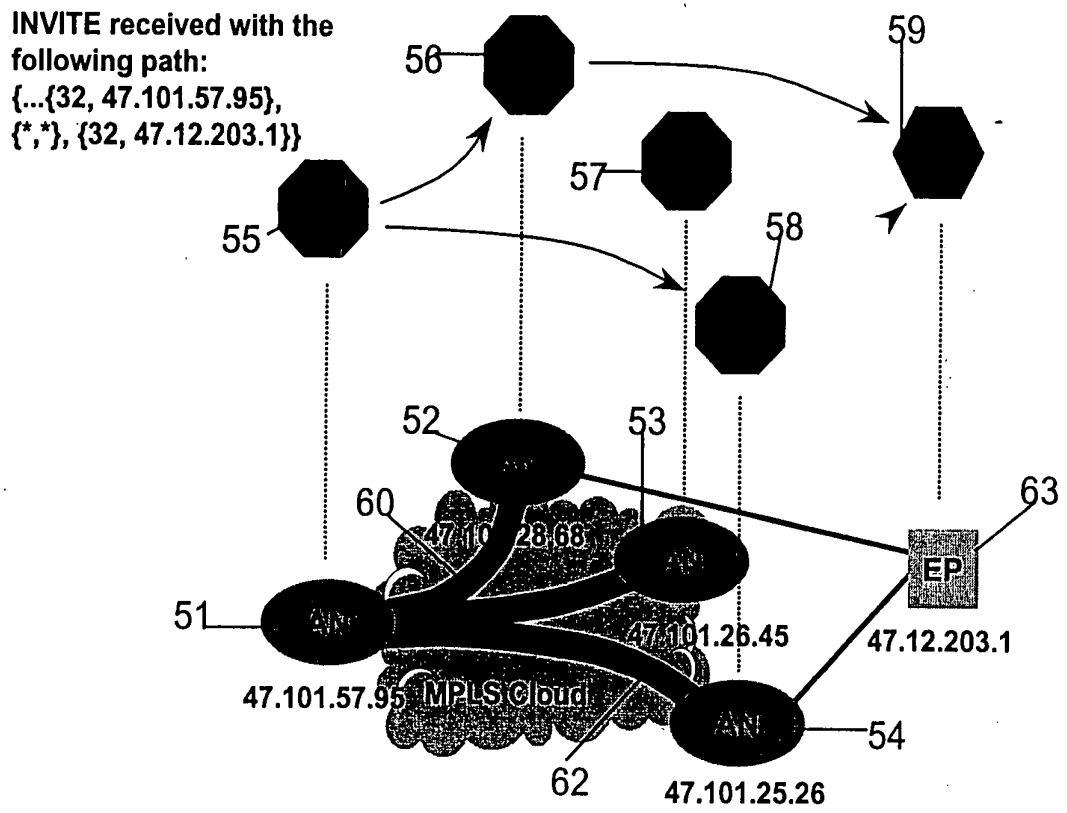


Figure 6 Forming path element from Record-Route header

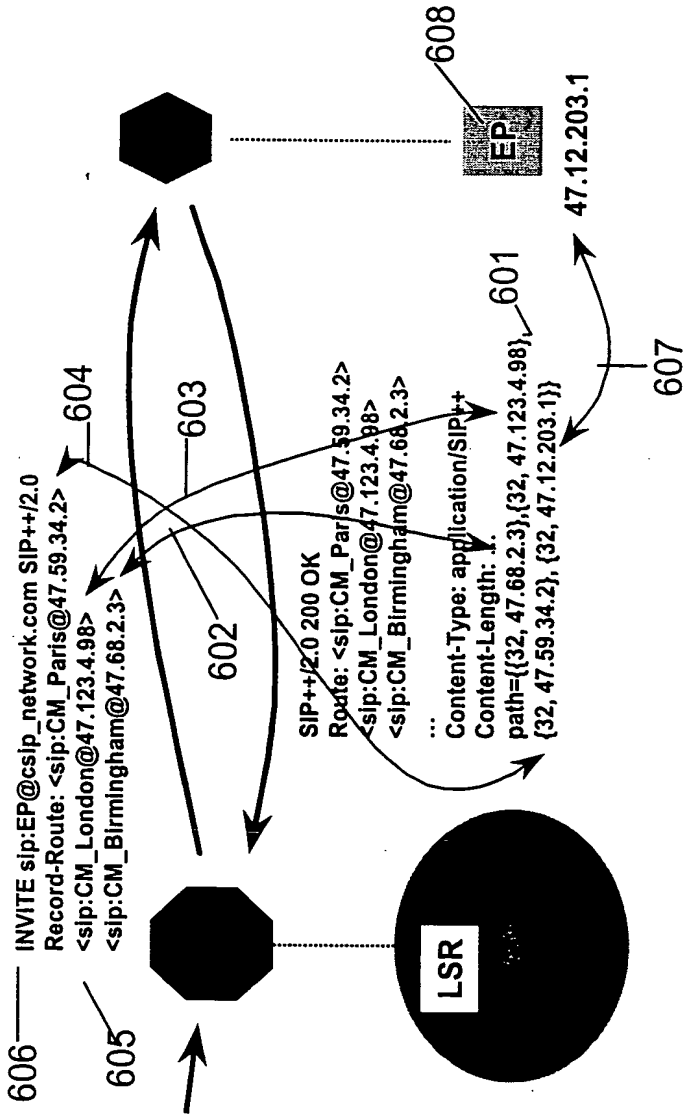


Figure 7 - COPS basic model

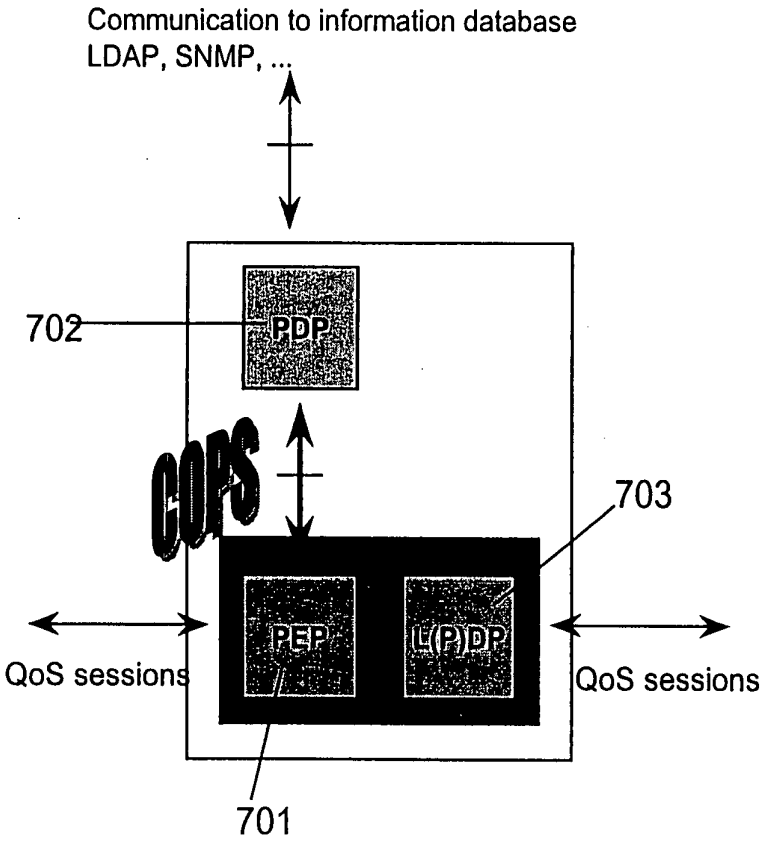


Figure 8 COPS messaging

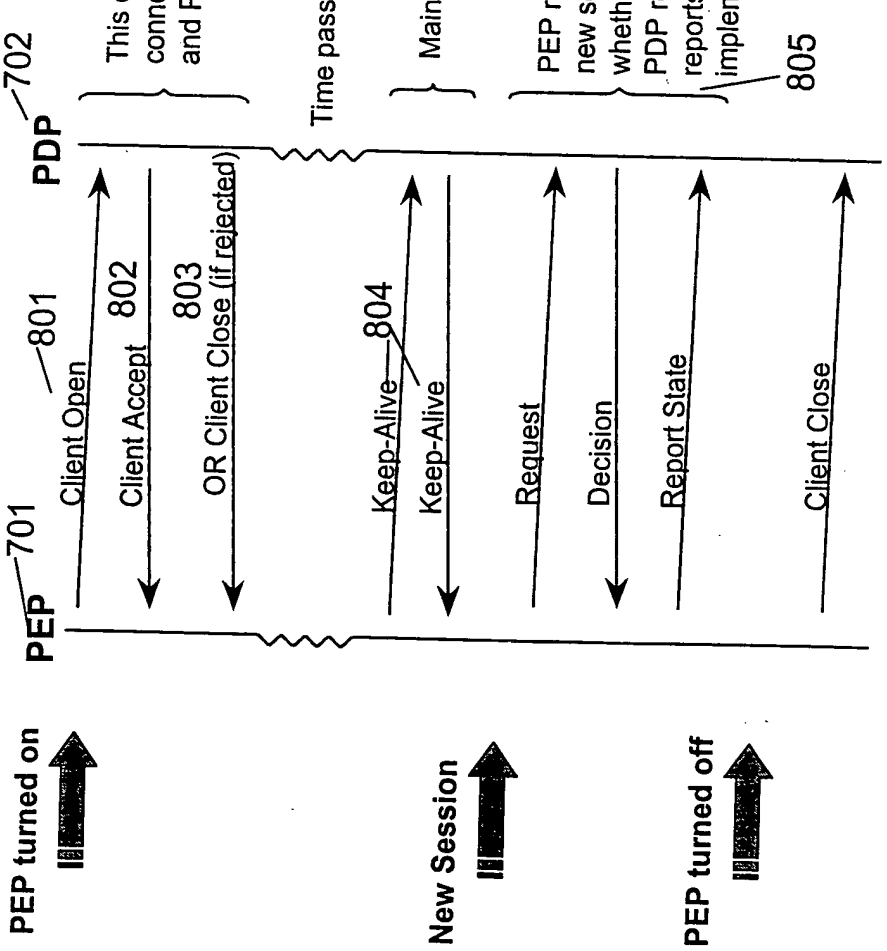
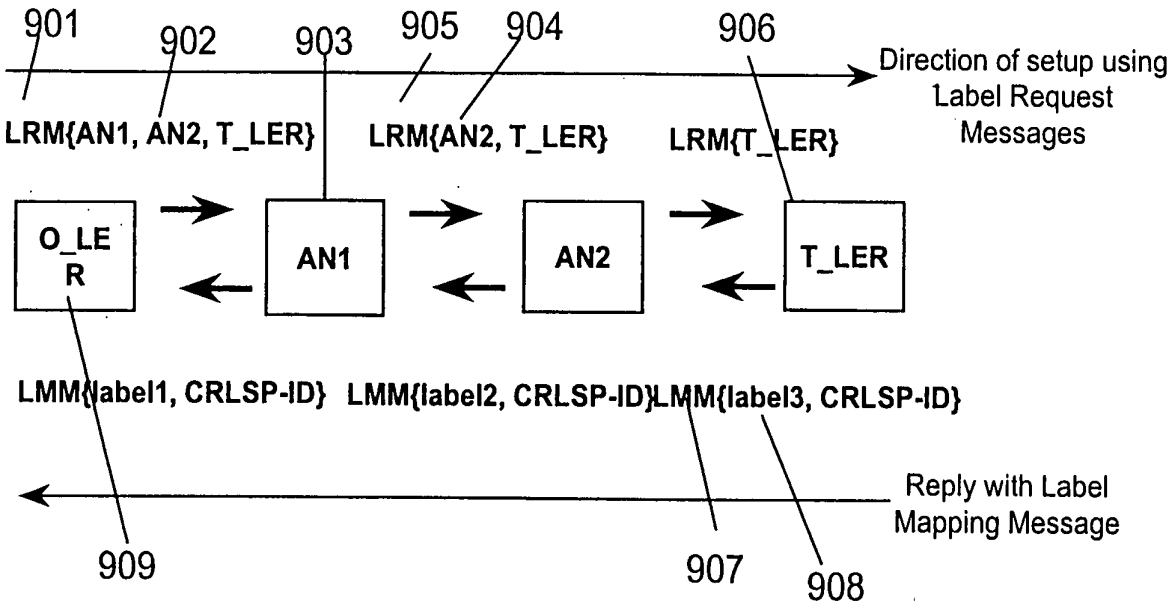


Figure 9 - CR-LDP path setup



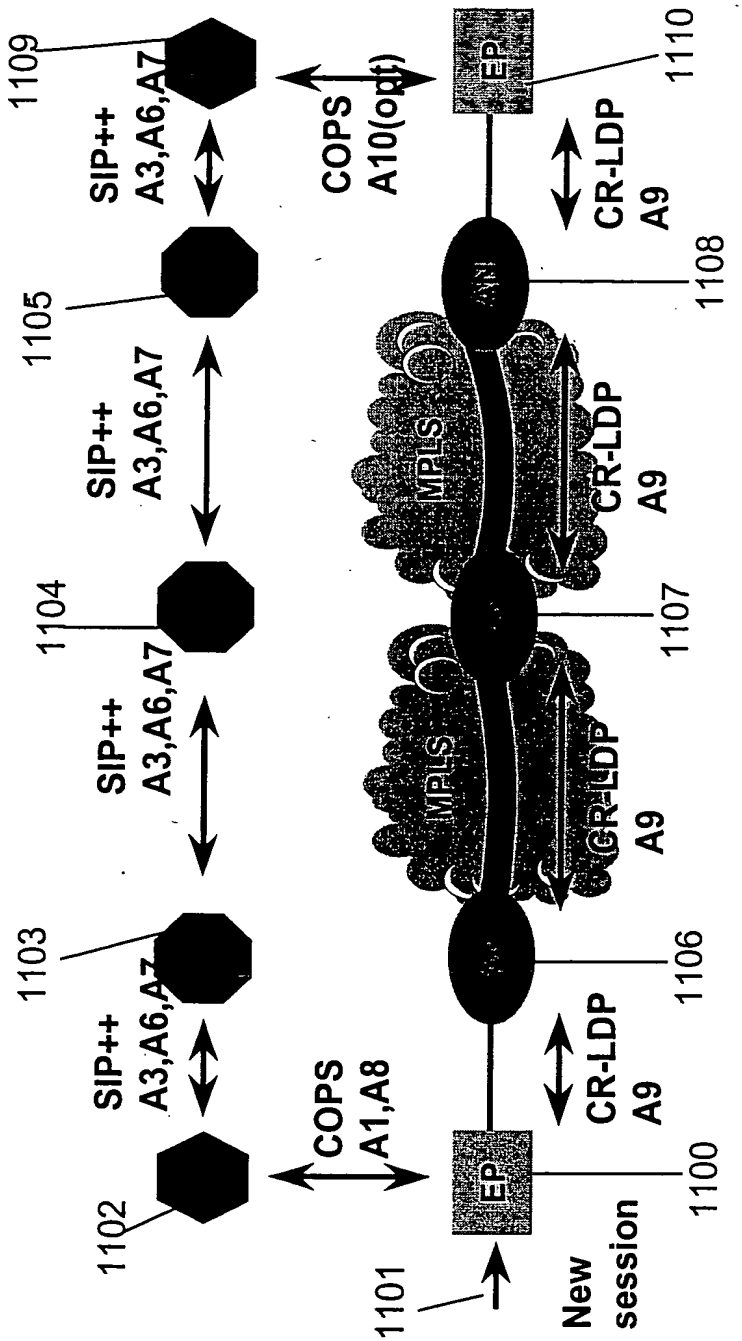


Figure 10 - Session setup signalling

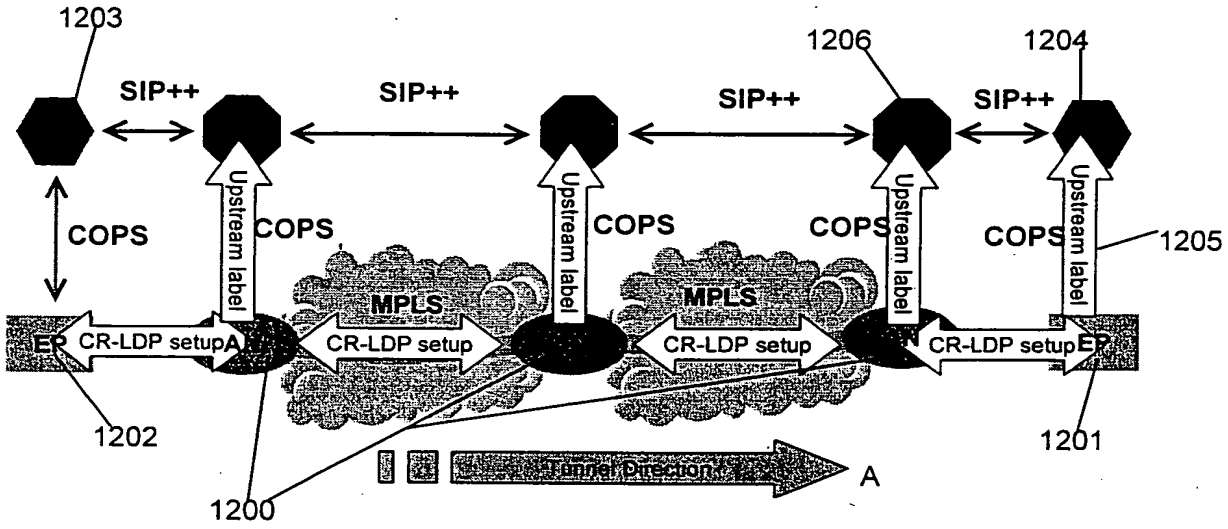


Figure 11

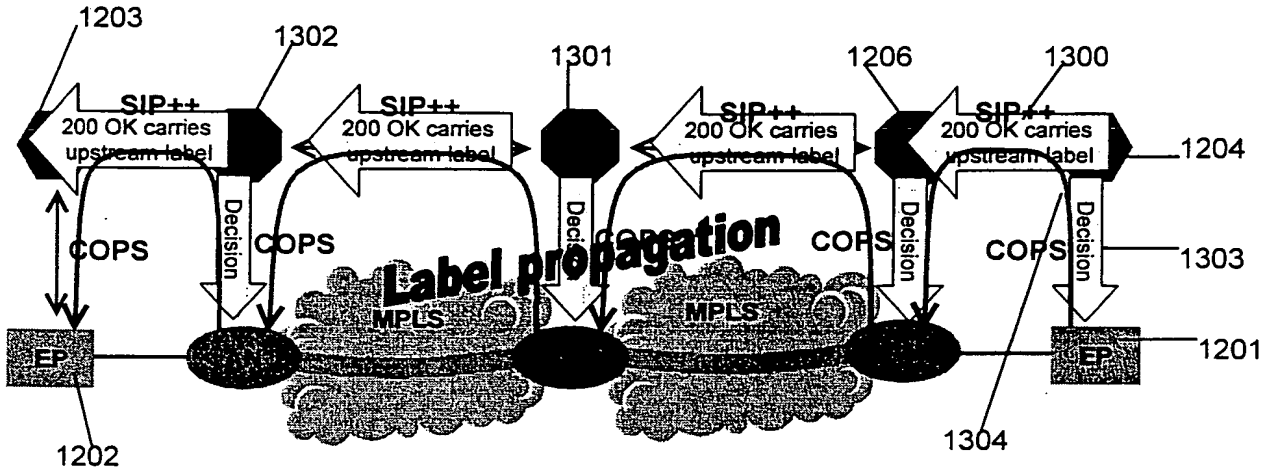


Figure 12

BEST AVAILABLE COPY

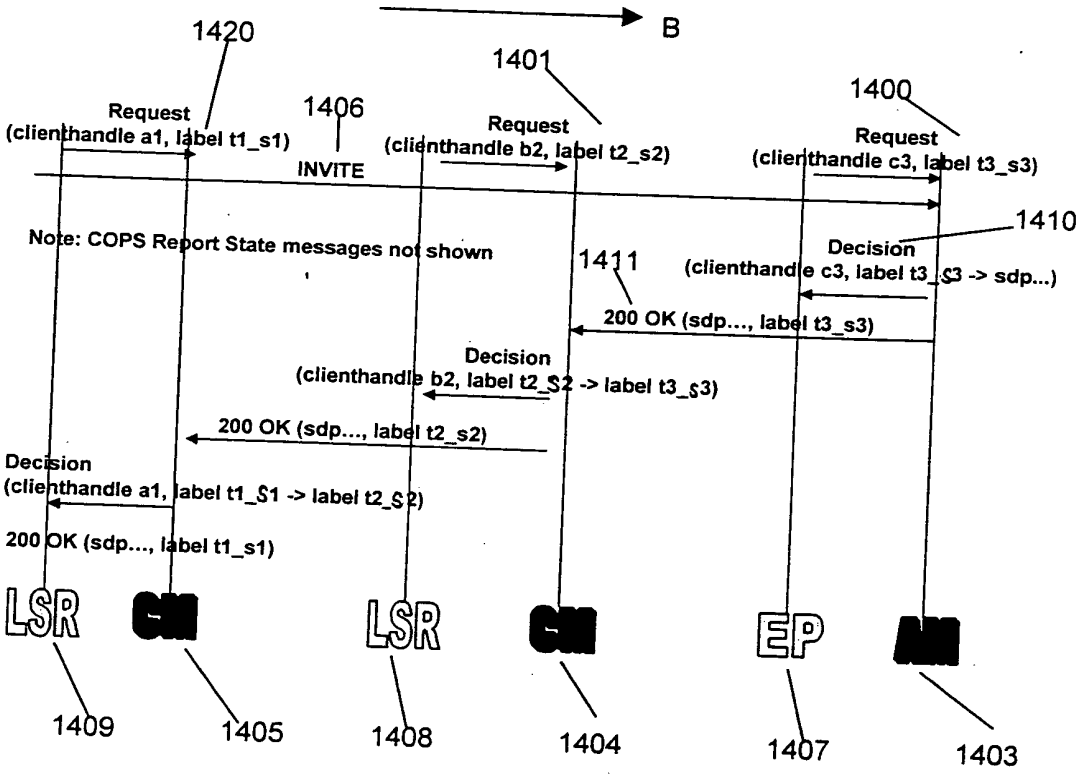

B
1420
1401
1400
1406
Request
(clienthandle a1, label t1_s1)
INVITE
Request
(clienthandle b2, label t2_s2)
Request
(clienthandle c3, label t3_s3)
1410
Note: COPS Report State messages not shown
1411
Decision
(clienthandle c3, label t3_s3 -> sdp...)
200 OK (sdp..., label t3_s3)
Decision
(clienthandle b2, label t2_s2 -> label t3_s3)
200 OK (sdp..., label t2_s2)
Decision
(clienthandle a1, label t1_s1 -> label t2_s2)
200 OK (sdp..., label t1_s1)
LSR
LSR
EP
1409
1405
1408
1404
1407
1403

Figure 13

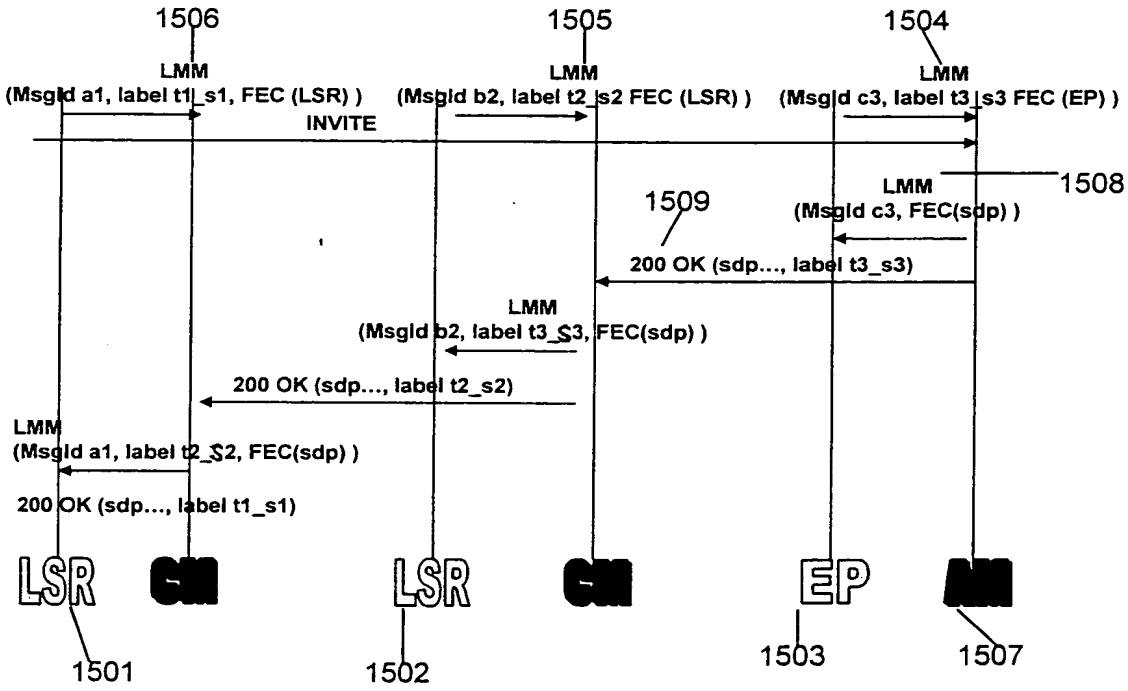

1506
1505
1504
LMM
(MsgId a1, label t1_s1, FEC (LSR))
LMM
(MsgId b2, label t2_s2 FEC (LSR))
LMM
(MsgId c3, label t3_s3 FEC (EP))
INVITE
1508
1509
LMM
(MsgId c3, FEC(sdp))
200 OK (sdp..., label t3_s3)
LMM
(MsgId b2, label t3_s3, FEC(sdp))
200 OK (sdp..., label t2_s2)
LMM
(MsgId a1, label t2_s2, FEC(sdp))
200 OK (sdp..., label t1_s1)
LSR
LSR
EP
1501
1502
1503
1507

Figure 14

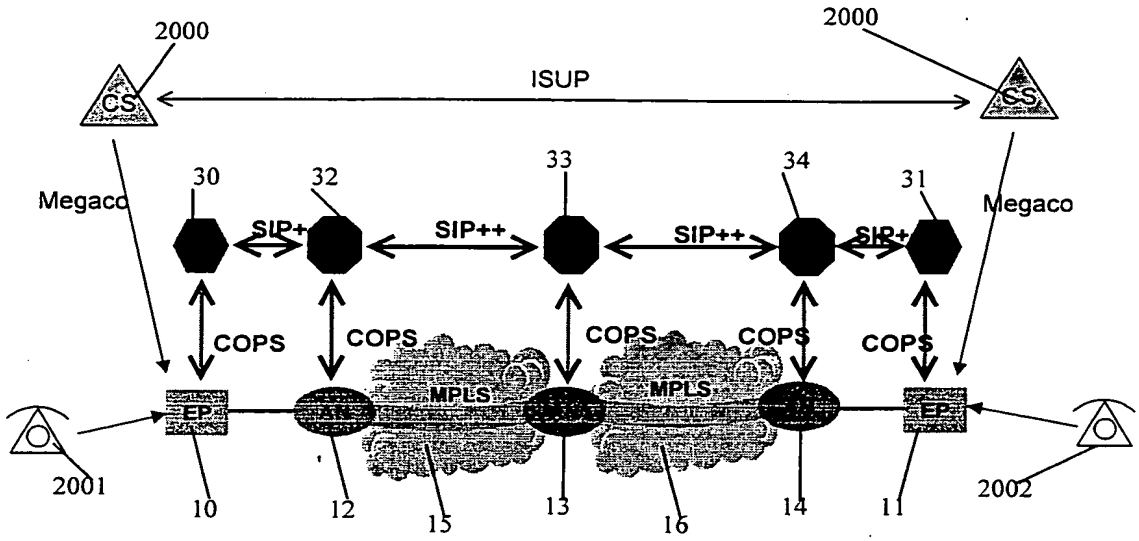


FIGURE 15

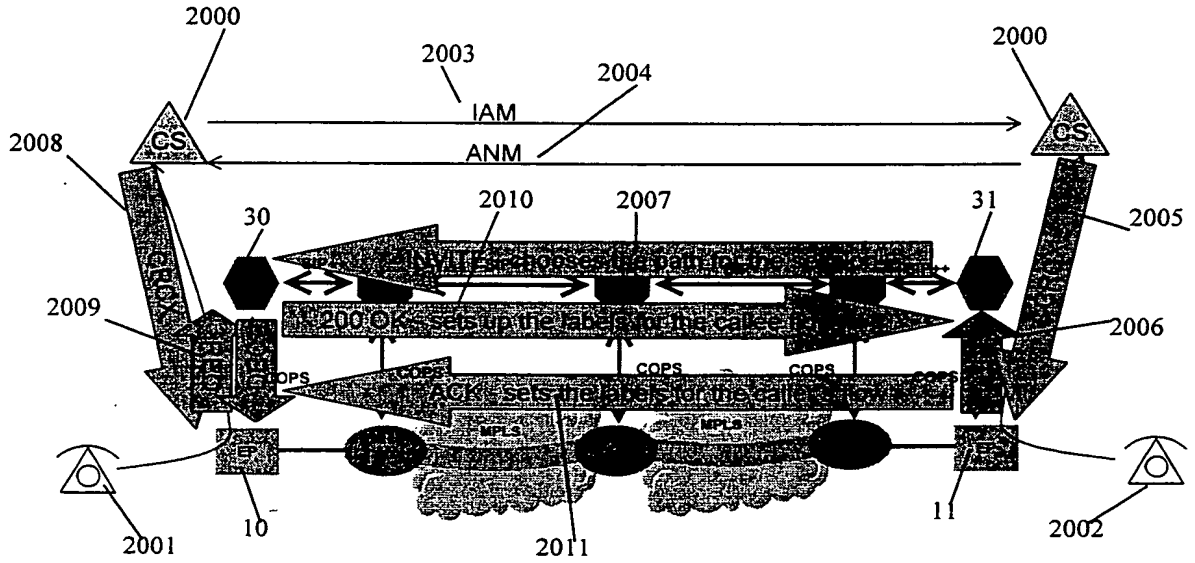


Figure 16

BEST AVAILABLE COPY

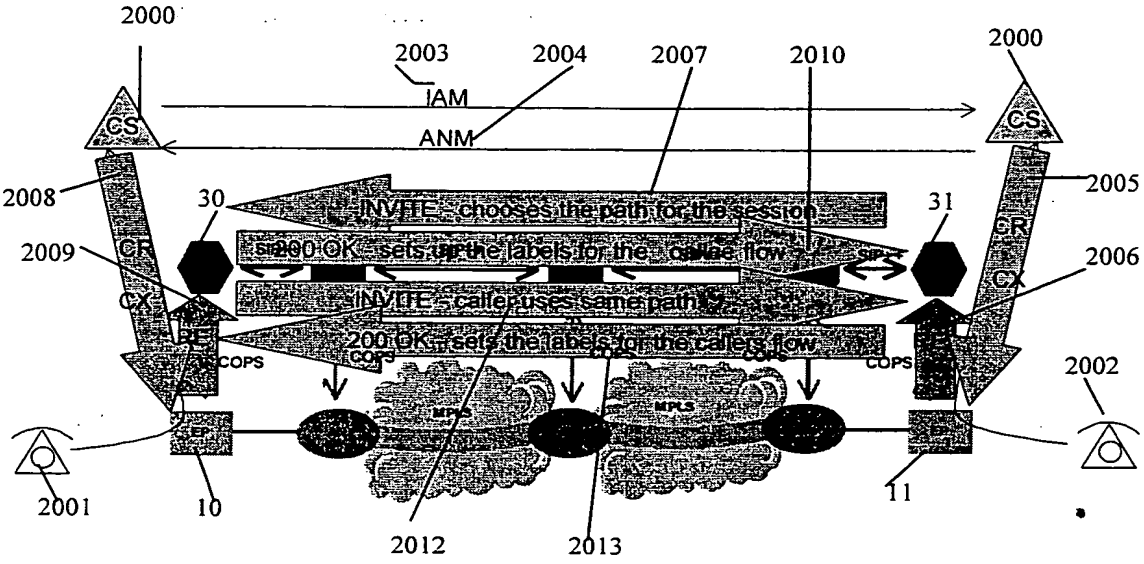


Figure 17

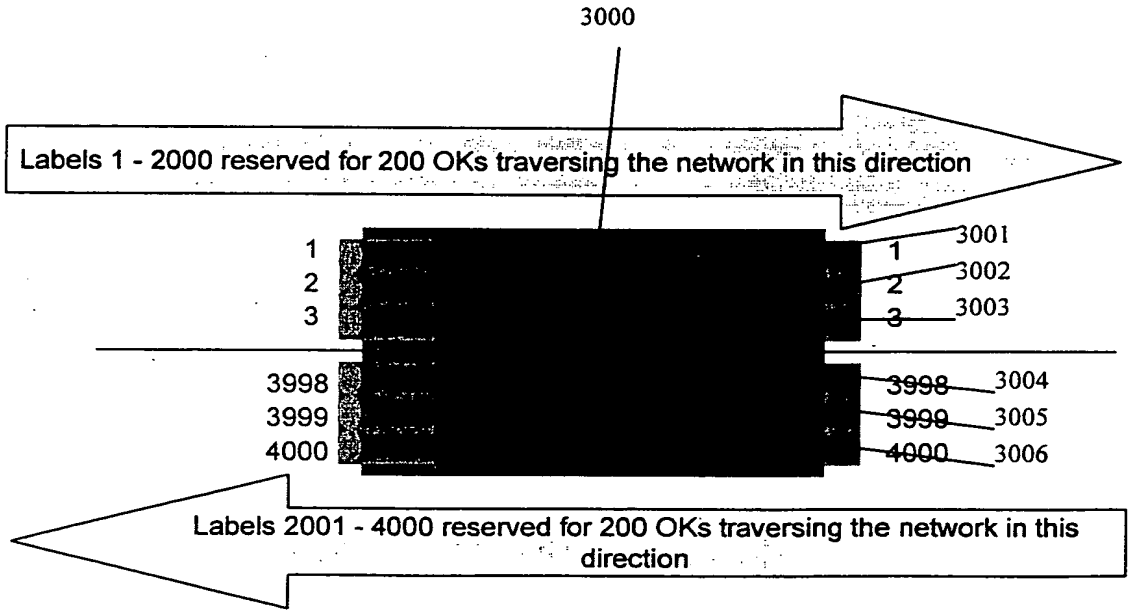


Figure 18

BEST AVAILABLE COPY

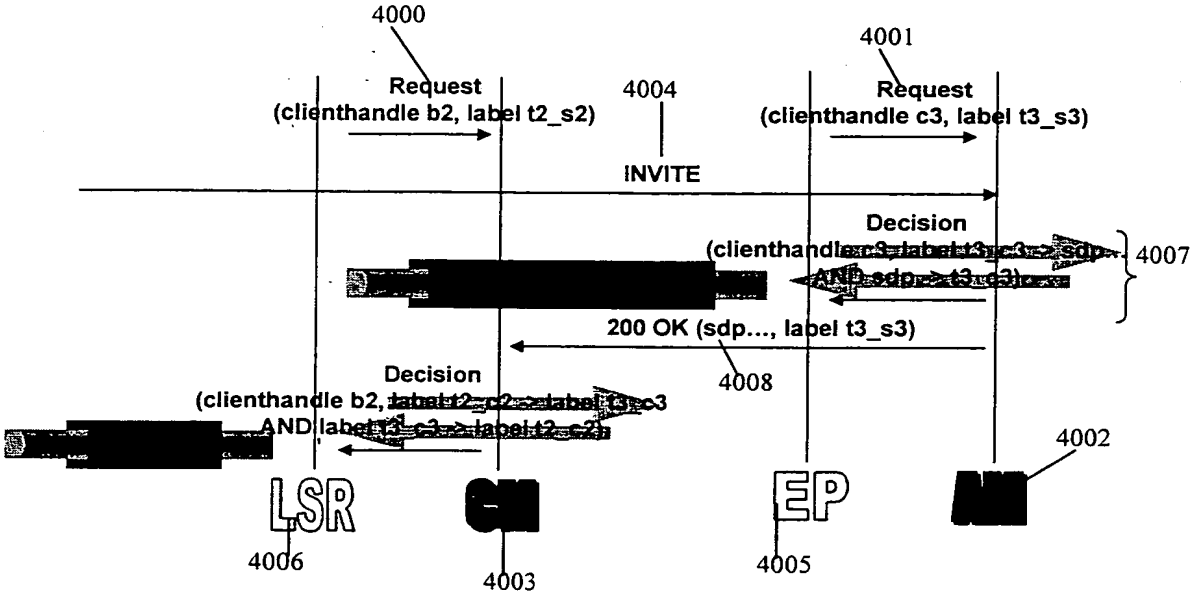


Figure 19

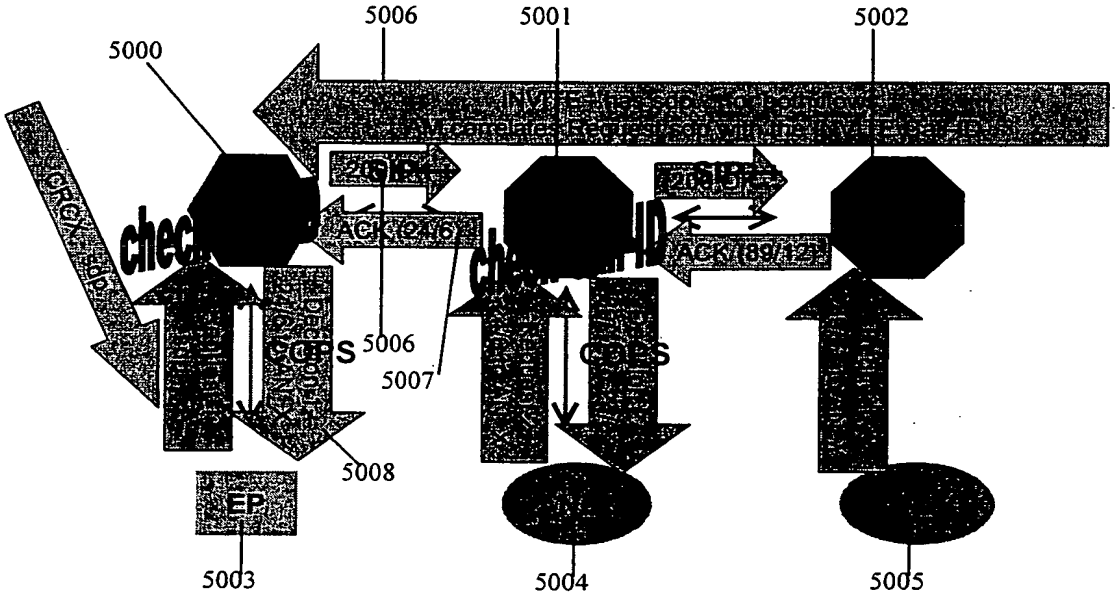


Figure 20

BEST AVAILABLE COPY